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1	US 6126405 A	20001003	Undulating current supplying means for the solenoid of a displacement control valve in a variable displacement compressor	417/222.2	417/270; 417/278; 62/228.5	Kawaguchi; Masahiro et al.
1	US 6124342	20000926	Pharmaceutical compositions	514/432		Okamoto; Tadashi et

	A		containing pyrylium compounds, pyrylium salts and process for manufacturing a medicament containing the aforesaid compounds			al.
1	US 6123514 A	20000926	Sealing structure for compressors	417/222.2	277/559; 277/560; 277/564; 277/565	Kawaguchi; Masahiro et al.
1	US 6109883 A	20000829	Coupling construction of compressor housing and method for manufacturing compressor	417/269		Kawaguchi; Masahiro et al.
1	US 6102668 A	20000815	Electromagnetic control valve	417/222.2		Kawaguchi; Masahiro et al.
1	US D428978 S	20000801	Compressor for a vehicle air conditioner	D23/325	D23/354	Ito; Koichi et al.
1	US 6077047 A	20000620	Variable displacement compressor	417/222.1	417/269	Nagai; Hiroyuki et al.
1	US 6076449 A	20000620	Variable displacement compressor	92/12.2	417/269; 92/57; 92/71	Kawaguchi; Masahiro et al.
1	US 6072026 A	20000606	Aniline polymer electrode material and secondary cell	528/373	429/122; 429/213; 528/374; 564/305	Kawase; Kenichi et al.
1	US 6065943 A	20000523	Refrigerant compressor having improved drive power transmission unit	417/362	474/94	Suito; Ken et al.
1	US 6062823 A	20000516	Control valve in variable displacement compressor	417/222.2	251/129.02; 251/129.07; 251/129.15	Kawaguchi; Masahiro et al.

1	US 6059538 A	20000509	Control valve for variable displacement compressor	417/222.2	251/337; 251/64	Kawaguchi; Masahiro et al.
1	US 6056513 A	20000502	Variable displacement compressor and method for controlling the same	417/222.1	417/222.2; 417/270	Kawaguchi; Masahiro et al.
1	US 6048178 A	20000411	Compressor	417/222.2	417/269; 417/569	Kawaguchi; Masahiro et al.
1	US 6036447 A	20000314	Control valve having a ground connection for the actuator coil	417/222.2	251/129.02; 251/129.15; 335/28; 439/92	Kawaguchi; Masahiro et al.
1	US 6033189 A	20000307	Control valve	417/222.2	251/129.02; 251/129.15; 335/255; 439/607	Miura; Shintaro et al.
1	US 6030184 A	20000229	Housing construction for reciprocating piston type compressor	417/269	417/312	Ikeda; Hayato et al.
1	US 6024008 A	20000215	Variable displacement compressor, swash plate, and method for hardening swash plate	92/12.2	91/505; 92/71	Kawaguchi; Masahiro et al.
1	US 6022961 A	20000208	Fluorescent stain containing pyrylium salt and fluorescent staining method of biological sample	536/24.3	435/6; 536/24.31; 536/24.32; 536/24.33; 549/13; 549/28; 549/356	Yamamoto; Nobuko et al.
1	US 6010312 A	20000104	Control valve unit with independently operable valve mechanisms for variable displacement compressor	417/222.2		Suitou; Ken et al.
1	US	19991221	Oxygenase	435/34	210/601;	Imamura;

	6004772 A		expressing microorganism strain JM1 (FERM BP-5352) for degrading organic compounds without an inducer		435/252.1; 435/262; 435/262.5; 435/281; 435/29; 435/308.1; 435/4; 435/821; 435/822; 435/843; 435/975	Takeshi et al.
1	US D417266 S	19991130	Compressor for a vehicle air conditioner	D23/325	D23/354	Ito; Koichi et al.
1	US 5975859 A	19991102	Control valve in variable displacement compressor and its assembling method	417/222.2	417/213	Kawaguchi; Masahiro et al.
1	US 5964578 A	19991012	Control valve in variable displacement compressor	417/222.2		Suitou; Ken et al.
1	US 5939256 A	19990817	Detection of nucleic acid hybrid variation which interacts with double helix or with second reagent through double helix by charge transfer and probe for hybridizing with target nucleic acid	435/6	436/501	Yamamoto; Nobuko et al.
1	US 5906932 A	19990525	Process for soil remediation and apparatus used therefor	435/262.5	210/605; 405/128.5; 435/266; 435/289.1; 435/309.1	Kuriyama; Akira et al.
1	US 5905927 A	19990518	Image forming apparatus and driving mechanism for image holding member	399/167	464/157; 74/665GA; 74/665GD; 74/665GE	Inoue; Yoshinori et al.
1	US	19990413	Cooling structure	417/373	184/104.1;	Kawaguchi;

	5893706 A		for compressor		184/6.17; 184/6.22; 416/60; 417/269; 417/362	Masahiro et al.
1	US 5890876 A	19990406	Control valve in variable displacement compressor	417/213	137/907; 251/129.02; 251/61.5; 417/222.2	Suito; Ken et al.
1	US 5882180 A	19990316	Oil mist filter in a variable displacement compressor	417/222.2	417/313; 417/423.9; 92/78	Kawaguchi; Masahiro et al.
1	US 5871337 A	19990216	Swash-plate compressor with leakage passages through the discharge valves of the cylinders	417/222.2	417/269; 417/295; 417/571	Fukanuma; Tetsuhiko et al.
1	US 5865604 A	19990202	Displacement controlling structure for clutchless variable displacement compressor	417/222.2		Kawaguchi; Masahiro et al.
1	US 5842836 A	19981201	Reciprocating piston type refrigerant compressor having a housing with enhanced sealing function	417/269	92/71	Tarutani; Tomoji et al.
1	US 5842835 A	19981201	Variable displacement compressor and its assembling method	417/222.2	417/270	Kawaguchi; Masahiro et al.
1	US 5842834 A	19981201	Swash plate type compressor employing single-headed pistons	417/222.2		Kawaguchi; Masahiro et al.
1	US 5839472 A	19981124	Valve mechanism of a compressor	137/856	137/855	Shintoku; Noriyuki et al.
1	US 5836748 A	19981117	Swash plate type variable displacement	417/222.2	417/269	Kawaguchi; Masahiro et al.

			compressor utilizing a spool for controlling the inclination			
1	US 5835939 A	19981110	Data transfer control method and apparatus for external storage subsystem adapted to perform erasing after writing	711/113	711/112; 711/114; 711/118; 711/154	Kurokawa; Isamu et al.
1	US 5819843 A	19981013	Cogeneration system	165/219	165/104.21; 165/272; 165/299; 165/48.1; 165/50; 237/12.1	Inoue; Yoshinori et al.
1	US 5816134 A	19981006	Compressor piston and piston type compressor	92/154	184/18; 184/6.17; 92/158; 92/159	Takenaka; Kenji et al.
1	US 5807076 A	19980915	Lubrication method and lubrication controlling apparatus for clutchless compressor	417/228	184/6.17; 184/6.3; 417/222.2; 417/53; 92/154	Kawaguchi; Masahiro et al.
1	US 5797730 A	19980825	Swash plate type compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5785502 A	19980728	Control apparatus for variable displacement compressor	417/222.2	417/222.1; 417/270	Ota; Masaki et al.
1	US 5782613 A	19980721	Piston type compressor with structure for reducing cylinder bore deformation	417/269	92/169.2	Michiyuki; Hiromi et al.
1	US 5770452 A	19980623	Quantitative determination of lipid, and of co- existing two compounds	436/86	436/13; 436/15; 436/164; 436/71; 436/8	Yamamoto; Nobuko et al.
1	US 5768974	19980623	Swash plate type compressor	92/71	384/125; 384/220;	Ikeda; Hayato et

	A				417/269; 74/60	al.
1	US 5762476 A	19980609	Variable capacity single-headed piston refrigerment compressor	417/222.2	417/295	Ota; Masaki et al.
1	US 5753466 A	19980519	Method for recovering DNA from soil	435/91.1	435/259; 435/34; 435/6; 435/9; 536/127; 536/22.1; 536/23.1; 536/25.4	Yano; Tetsuya et al.
1	US 5741122 A	19980421	Variable displacement compressor having a spool with a coating layer	417/222.2		Yokono; Tomohiko et al.
1	US 5737997 A	19980414	Cam plate supporting structure in a cam plate type compressor	92/71	417/269; 74/60	Sato; Hirofumi et al.
1	US 5733107 A	19980331	Lubricant oil separating mechanism for a compressor	417/312	184/6.17; 417/269; 417/313; 418/DIG.1; 92/154	Ikeda; Hayato et al.
1	US 5718566 A	19980217	Drive shaft lubrication arrangement for a swash plate type refrigerant compressor	417/269	417/313	Ikeda; Hayato et al.
1	US 5713725 A	19980203	Clutchless piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5708373 A	19980113	Boost circuit	326/88	326/26; 326/80; 326/82; 327/390; 327/589	Inoue; Yoshinori
1	US 5705346	19980106	Method for detecting a target	435/6	435/810; 436/501;	Okamoto; Tadashi et

	A		nucleic acid by using an interaction of two kinds of reagents		536/23.1; 536/24.1; 536/24.3; 536/24.31; 536/24.32; 536/24.33	al.
1	US 5694828 A	19971209	Cam plate type compressor	92/71	417/269	Umemura; Satoshi et al.
1	US 5691942 A	19971125	Semiconductor memory having extended data out function	365/189.05	365/193; 365/201	Inoue; Yoshinori
1	US 5681150 A	19971028	Piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5670315 A	19970923	Nucleic acid determination employing pyrylium dye	435/6	435/288.2; 435/288.4; 435/288.5; 435/91.2	Yamamoto; Nobuko et al.
1	US 5639223 A	19970617	Compressor with cylindrical cam surface	417/269	74/55; 74/56; 74/567; 74/569	Murakami; Kazuo et al.
1	US 5636974 A	19970610	Reciprocating piston type compressor with an oil separator for removing lubricating oil from discharged high pressure refrigerant gas	417/269	184/6.23; 417/313; 92/154	Ikeda; Hayato et al.
1	US 5636973 A	19970610	Crank chamber pressure controlled swash plate compressor with suction passage opening delay during initial load condition	417/222.2	417/298	Sonobe; Masanori et al.
1	US 5634775 A	19970603	Wave cam type compressor	417/269	74/56; 91/502	Murakami; Kazuo et al.
1	US 5624798	19970429	Detection method of nucleic acid by	435/6	549/13; 549/28;	Yamamoto; Nobuko et



	A		use of fluorescent pyrylium stain in intercalation into nucleic acids		549/356; 549/424; 8/506	al.
1	US 5624240 A	19970429	Piston type variable displacement compressor	417/222.2		Kawaguchi; Masahiro et al.
1	US 5616008 A	19970401	Variable displacement compressor	417/222.2		Yokono; Tomohiko et al.
1	US 5607013 A	19970304	Cogeneration system	165/207	165/104.21; 165/219; 165/272; 165/299; 165/50; 237/12.1; 62/238.3; 62/323.2; 62/434; 62/59	Inoue; Yoshinori et al.
1	US 5603611 A	19970218	Piston type compressor with simple but vibration-reducing suction reed valve mechanism	417/269	137/856; 417/569; 417/571	Tarutani; Tomoji et al.
1	US 5603610 A	19970218	Clutchless piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5596920 A	19970128	Swash plate type compressor	92/71	417/269; 74/60	Umemura; Satoshi et al.
1	US 5586870 A	19961224	Bearing structure used in a compressor	417/222.2	417/269; 417/270; 417/362; 91/499	Kawaguchi; Masahiro et al.
1	US 5584670 A	19961217	Piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.
1	US 5578942 A	19961126	Super VCC detection circuit	326/38	326/34; 327/546	Shimoda; Masaki et al.
1	US 5577894 A	19961126	Piston type variable displacement compressor	417/222.2	417/295	Kawaguchi; Masahiro et al.

1	US 5568386 A	19961022	Automated correction control system and method for characteristics of throttle position sensor	701/51	123/361; 477/121	Sugiura; Masayuki et al.
1	US 5562426 A	19961008	Scroll type refrigerant compressor	417/310	417/295; 417/440	Watanabe; Yasushi et al.
1	US 5547346 A	19960820	Variable displacement compressor	417/222.2	92/12.2	Kanzaki; Shigeki et al.
1	US 5545521 A	19960813	Method for detecting bioindividuals by use of nonnatural type nucleic acid probe	435/5	435/6; 435/91.1; 436/164; 436/172; 436/800; 436/94; 536/23.1; 536/23.7; 536/23.72; 536/23.74; 536/24.32	Okamoto; Tadashi et al.
1	US 5529461 A	19960625	Piston type variable displacement compressor	417/222.2	417/269	Kawaguchi; Masahiro et al.
1	US 5498140 A	19960312	Variable displacement compressor	417/199.1	417/222.1; 417/272; 417/310; 92/12.2	Kawaguchi; Masahiro et al.
1	US 5491093 A	19960213	Quantitative determination of lipid, and of co- existing two compounds	436/71	436/164; 436/166	Yamamoto; Nobuko et al.
1	US 5490119 A	19960206	Semiconductor device including signal generating circuit with level converting function and with reduced area of occupation	365/230.08	326/106; 326/108; 326/121; 365/189.11; 365/230.06	Sakurai; Mikio et al.
1	US 5477773 A	19951226	Wave plate type compressor	92/71	417/269; 74/60; 92/138	Murakami; Kazuo et al.
1	US	19951010	Reciprocating	92/71	411/176;	Ikeda;

	5456158 A		compressor		417/269; 74/60; 92/128	Hayato et al.
1	US 5452647 A	19950926	Wave plate type compressor	92/71	74/56; 74/57	Murakami; Kazuo et al.
1	US 5437746 A	19950801	Aluminum alloy sheet for discs having good platability	148/439	148/415; 148/417; 148/418; 148/440; 148/523; 148/551; 148/552; 148/691; 148/692; 148/695; 420/532; 420/533; 420/541; 420/547; 420/550; 428/650; 428/652; 428/687; 428/928	Usui; Eiki et al.
1	US 5430686 A	19950704	Semiconductor memory device and operating method thereof	365/230.08	365/214; 365/230.01; 365/230.04; 365/234; 365/63	Tokami; Kenji et al.
1	US 5400292 A	19950321	Semiconductor memory device with changeable input/output data bit arrangement	365/230.01	365/195; 365/230.03; 365/230.05	Fukiage; Takahiko et al.
1	US 5389453 A	19950214	Aluminum alloy material having a surface of excellent zinc phosphate processability	428/639	205/213; 427/406; 427/427; 427/436; 427/437; 428/614; 428/650; 428/658	Toyose; Kikurou et al.
1	US 5387091 A	19950207	Variable capacity type swash plate compressor	417/222.2	92/12.2	Kawaguchi; Masahiro et al.

1	US 5382139 A	19950117	Guiding mechanism for reciprocating piston of piston type compressor	417/269	91/499	Kawaguchi; Masahiro et al.
1	US 5361230 A	19941101	Memory device delaying timing of outputting data in a test mode as compared with a normal operating mode	365/194	365/201; 365/233; 365/233.5	Ikeda; Yuto et al.
1	US 5361223 A	19941101	Semiconductor memory device comprising a plurality of memory arrays with improved peripheral circuit location and interconnection arrangement	365/51	257/207; 257/208; 257/210; 257/211; 365/226; 365/63	Inoue; Yoshinori et al.
1	US 5335339 A	19940802	Equipment and method for interactive testing and simulating of a specification of a network system	703/21		Maejima; Yukihito et al.
1	US 5331595 A	19940719	Semiconductor memory device having IO line pair to be equalized and divided into blocks and operating method thereof	365/203	365/230.03; 365/233.5	Inoue; Yoshinori
1	US 5244516 A	19930914	Aluminum alloy plate for discs with improved platability and process for producing the same	148/551	148/439; 148/552; 148/691; 428/846.7	Kawaguchi; Masahiro
1	US 5233944 A	19930810	Control apparatus for alcohol engine	123/1A	123/497; 123/510; 123/575	Mochizuki; Kenji
1	US 5208778	19930504	Dynamic-type semiconductor	365/201	365/63; 714/718;	Kumanoya; Masaki et

	A		memory device operable in test mode and method of testing functions thereof		714/719	al.
1	US 5184321 A	19930202	Semiconductor memory device comprising a plurality of memory arrays with improved peripheral circuit location and interconnection arrangement	365/51	257/920; 365/63	Konishi; Yasuhiro et al.
1	US 5131228 A	19920721	Control apparatus for a turbocharged alcohol engine	60/602	123/575	Mochizuki; Kenji et al.
1	US 5129358 A	19920714	Magnetic roller for use in a developing device	399/277		Myochin; Hisashi et al.
1	US 5097440 A	19920317	Semiconductor memory device comprising a plurality of memory arrays with improved peripheral circuit location and interconnection arrangement	365/51	257/208; 365/63	Konishi; Yasuhiro et al.
1	US 5044172 A	19910903	Air conditioning apparatus	62/335	62/435; 62/59	Inoue; Yoshinori et al.
1	US 5032060 A	19910716	Continuously variable capacity swash plate type refrigerant compressor	417/222.1	417/269	Kobayashi; Hisao et al.
1	US 5018045 A	19910521	Corona discharger for use in electrophotographic copying machine	361/229	250/324; 399/100	Myochin; Hisashi et al.
1	US 5014246 A	19910507	Semiconductor memory device having shared sense	365/230.03	365/189.11; 365/230.06	Komatsu; Takahiro et al.

			amplifier and operating method thereof			
1	US 5010259 A	19910423	Voltage boosting circuit and operating method thereof	326/88	326/33; 326/38; 326/98; 365/189.09; 365/189.11	Inoue; Yoshinori et al.
1	US 4961167 A	19901002	Substrate bias generator in a dynamic random access memory with auto/self refresh functions and a method of generating a substrate bias therein	365/189.09	327/534; 365/222	Kumanoya; Masaki et al.
1	US 4873586 A	19891010	Method and apparatus for reproducing audio and video data from a disk	386/70	360/72.1; 360/72.2; 386/106; 386/75	Ishikawa; Kazushige et al.
1	US 4844703 A	19890704	Variable displacement vane compressor	417/295	417/12; 417/310	Watanabe; Yasushi et al.
1	US 4843832 A	19890704	Air conditioning system for buildings	62/159	165/104.21; 165/253; 165/300; 236/1B; 251/129.01; 62/119; 62/188; 62/218; 62/434	Yamada; Tetsuo et al.
1	US 4842490 A	19890627	Variable displacement vane compressor	417/295	417/310	Watanabe; Yasushi et al.
1	US 4838740 A	19890613	Variable displacement vane compressor	417/295	417/310	Watanabe; Yasushi et al.
1	US 4808083 A	19890228	Variable capacity type vane compressor	417/295	417/310	Watanabe; Yasushi et al.
1	US 4796439	19890110	Air conditioning system	62/159	62/238.6	Yamada; Tetsuo et

	A					al.
1	US 4768488 A	19880906	Fuel injection system for an internal combustion engine	123/478	123/474	Mochizuki; Kenji
1	US 4720772 A	19880119	Fused solid electrolytic capacitor	361/534	361/275.4	Yamane; Masayuki et al.
1	US 4631112 A	19861223	Surface-treated aluminum alloy substrates for magnetic disks	216/101	205/223; 216/22; 252/79.2	Usui; Eiki et al.
1	US 4512316 A	19850423	Fuel injection system for an internal combustion engine	123/478	123/472; 123/480; 123/486	Mochizuki; Kenji
1	US 3980834 A	19760914	Multi-stage connection switch frame	379/327	379/335	Akiyama; Tadahiko et al.
1	US 3759055 A	19730918	REVERSIBLY HEAT- RECOVERING TYPE HEAT PUMP THROUGH AIR HEAT SOURCE	62/160	62/159; 62/324.1; 62/325	Shimanuki; Takashi et al.